

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029146.D
 Acq On : 02 Jun 2022 19:26
 Operator : JC/MD
 Sample : N3022-04 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20220525

Quant Time: Jun 03 04:33:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

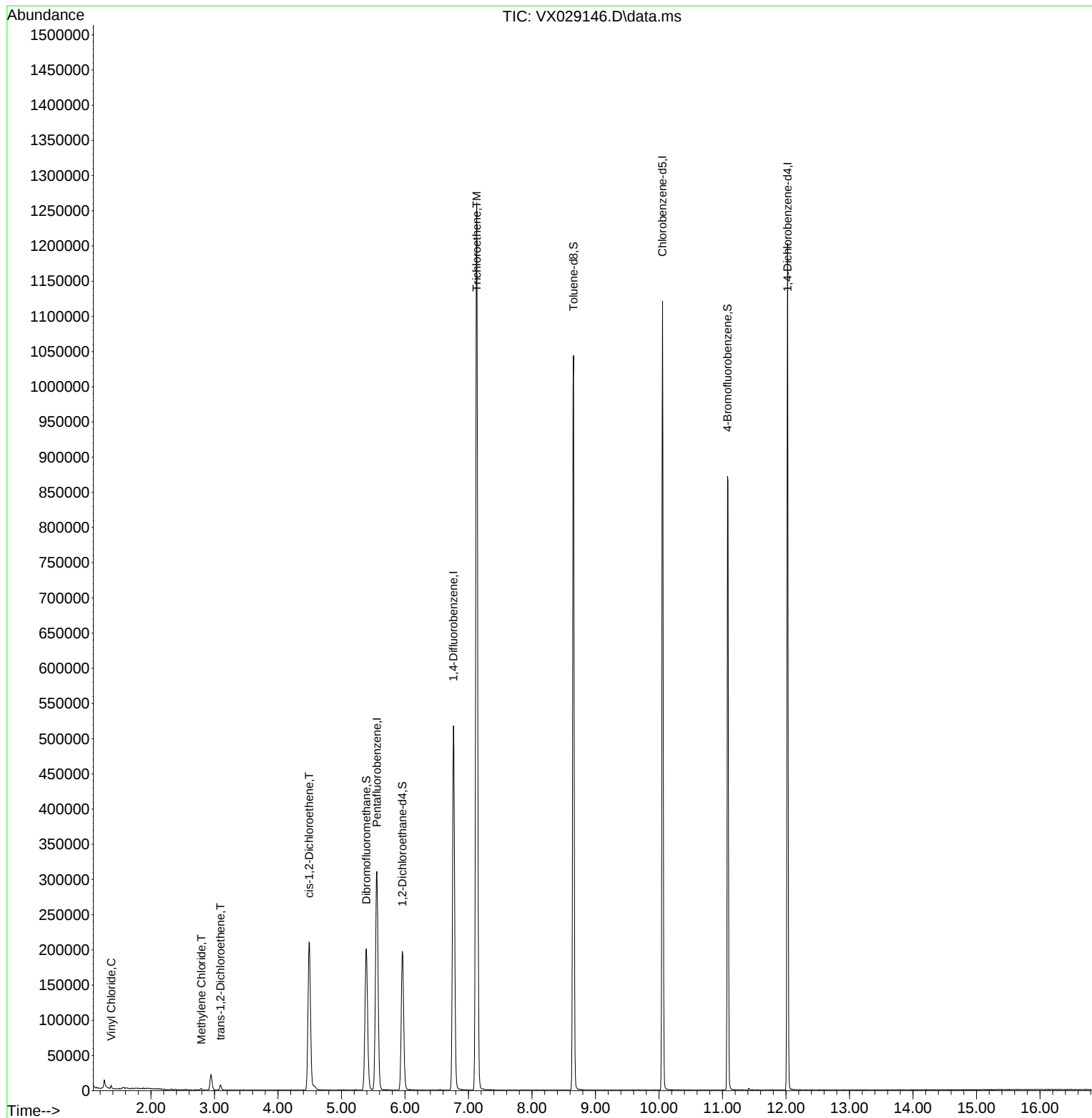
Internal Standards						
1) Pentafluorobenzene	5.556	168	293338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	542056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	524738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	240742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193903	58.620	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.240%
35) Dibromofluoromethane	5.391	113	180995	50.270	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.540%
50) Toluene-d8	8.653	98	646424	49.089	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	252797	49.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.320%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2641	0.900	ug/l #	81
20) Methylene Chloride	2.794	84	1097	0.361	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	3409	1.143	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	142704	40.118	ug/l	87
44) Trichloroethene	7.129	130	506957	125.693	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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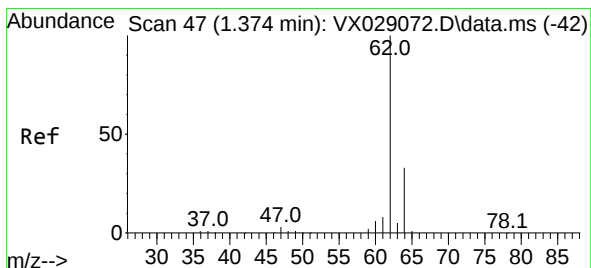
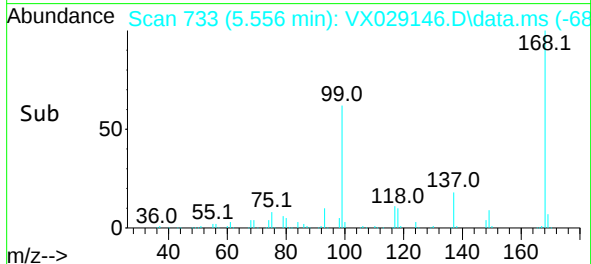
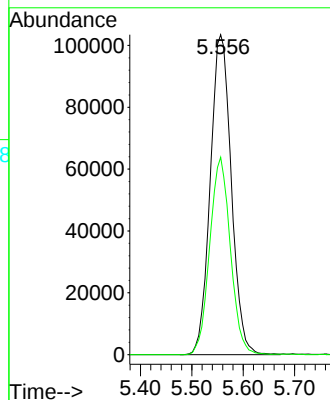
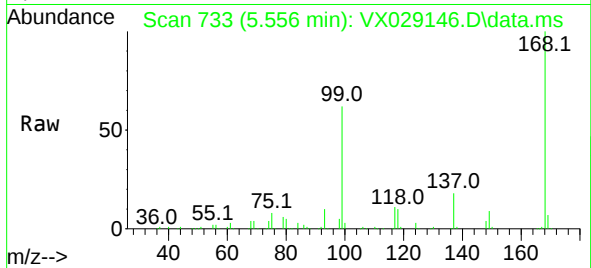




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

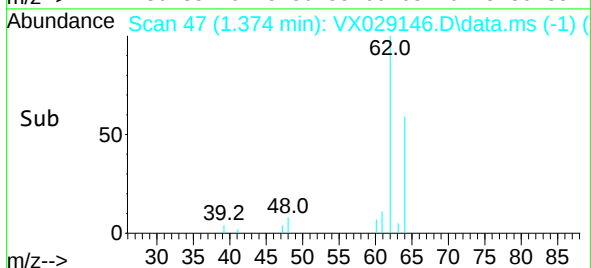
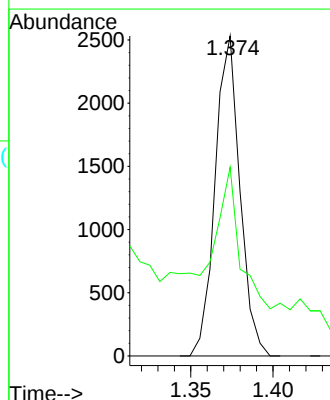
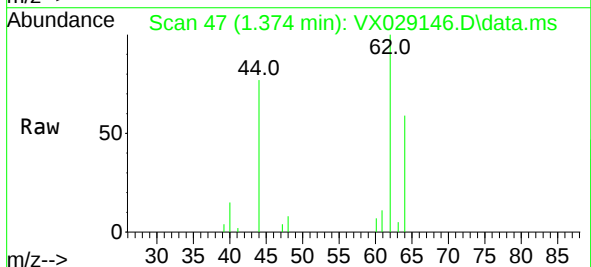
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

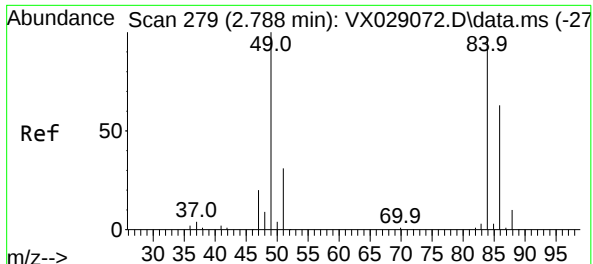
Tgt Ion:168 Resp: 293338
Ion Ratio Lower Upper
168 100
99 61.7 41.7 62.5



#4
Vinyl Chloride
Concen: 0.900 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

Tgt Ion: 62 Resp: 2641
Ion Ratio Lower Upper
62 100
64 42.5 25.5 38.3#



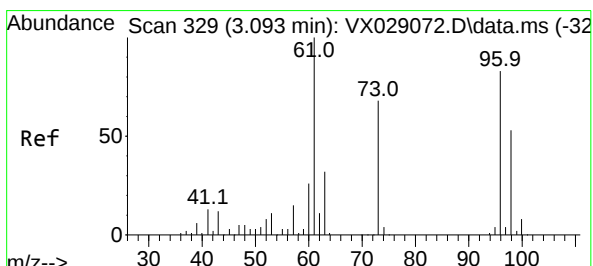
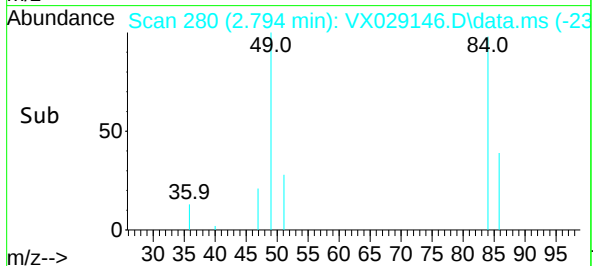
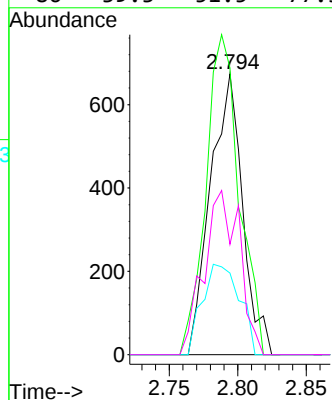
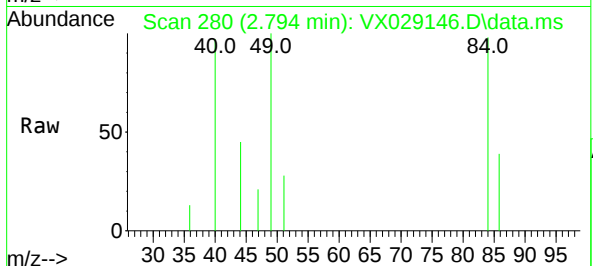


#20
Methylene Chloride
Concen: 0.361 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

Tgt Ion: 84 Resp: 1097

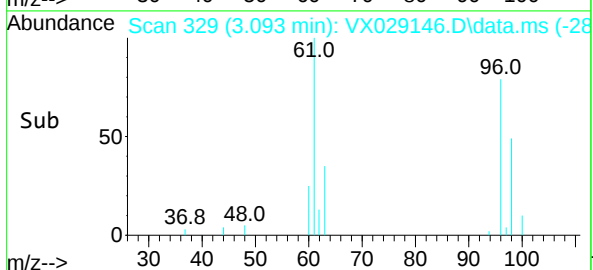
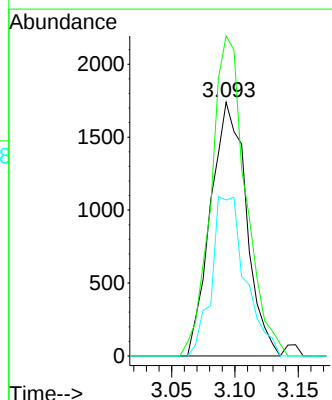
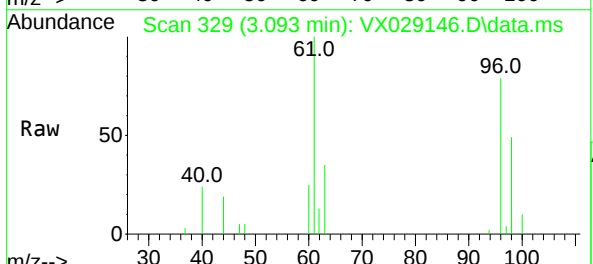
Ion	Ratio	Lower	Upper
84	100		
49	102.1	85.5	128.3
51	29.1	26.6	39.8
86	39.3	51.5	77.3

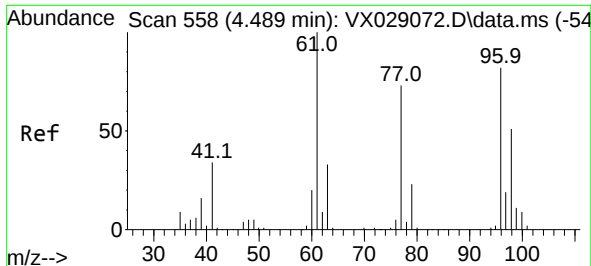


#21
trans-1,2-Dichloroethene
Concen: 1.143 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

Tgt Ion: 96 Resp: 3409

Ion	Ratio	Lower	Upper
96	100		
61	126.1	105.4	158.2
98	61.4	50.0	75.0

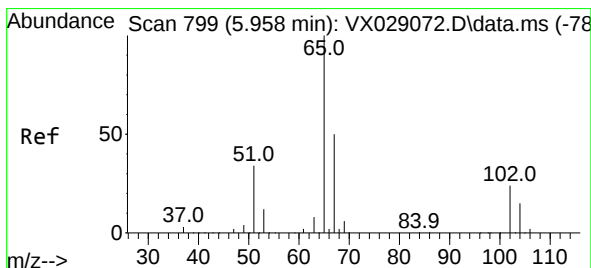
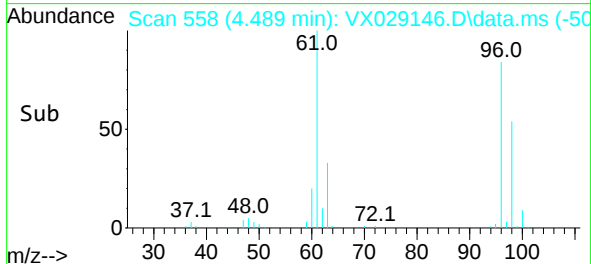
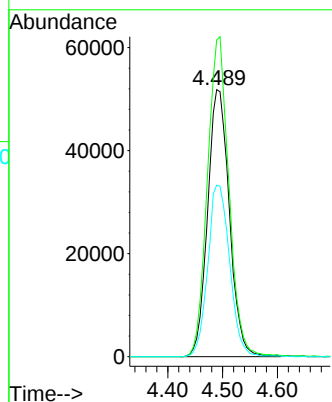
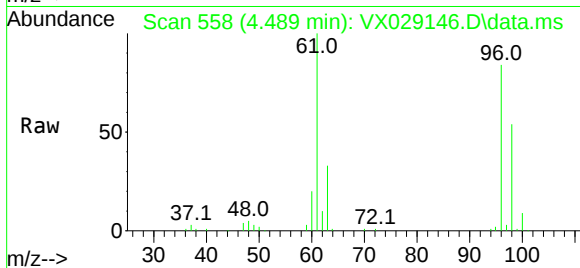




#27
 cis-1,2-Dichloroethene
 Concen: 40.118 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX029146.D
 Acq: 02 Jun 2022 19:26

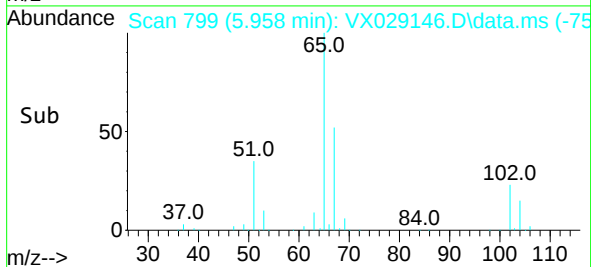
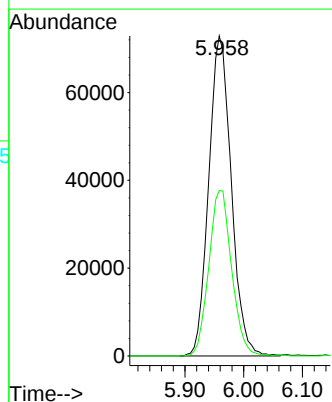
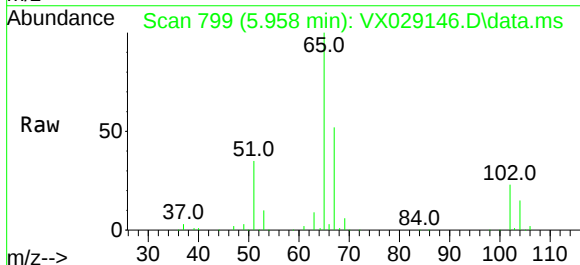
Instrument :
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 ClientSampleId :
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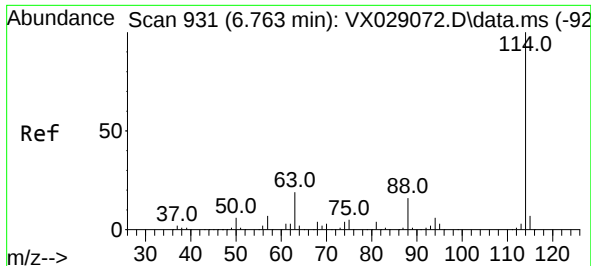
Tgt Ion: 96 Resp: 142704
 Ion Ratio Lower Upper
 96 100
 61 118.6 0.0 283.8
 98 64.5 0.0 129.8



#33
 1,2-Dichloroethane-d4
 Concen: 58.620 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029146.D
 Acq: 02 Jun 2022 19:26

Tgt Ion: 65 Resp: 193903
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.4

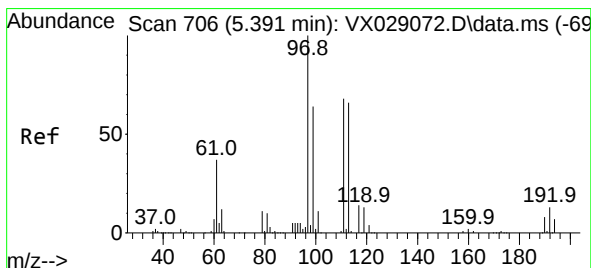
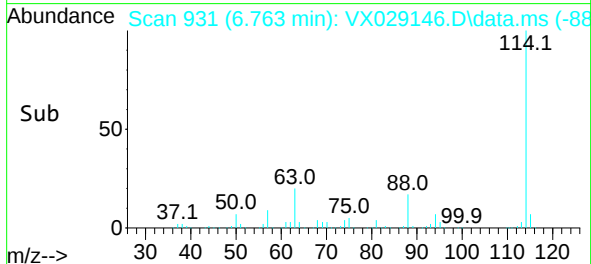
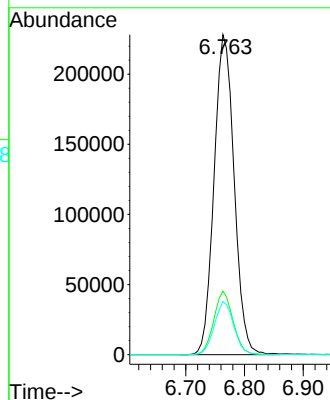
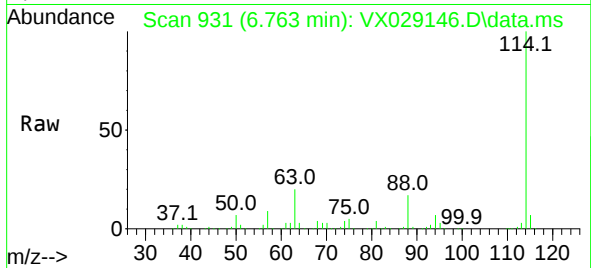




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

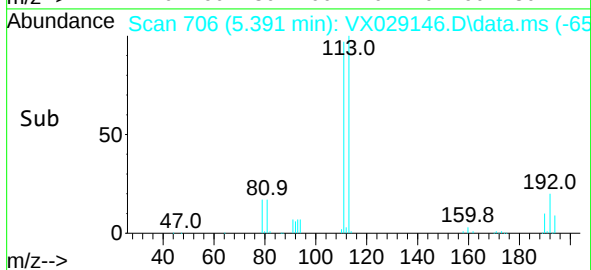
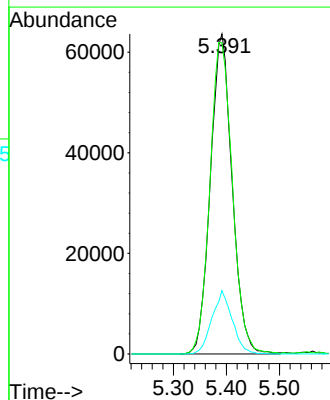
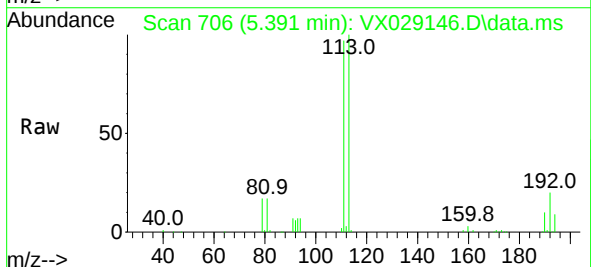
Instrument :
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ClientSampleId :
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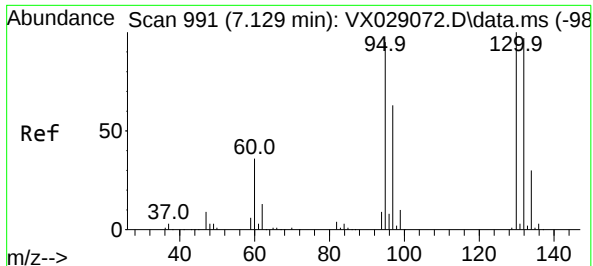
Tgt Ion:114 Resp: 542056
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.270 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

Tgt Ion:113 Resp: 180995
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 18.5 16.9 25.3

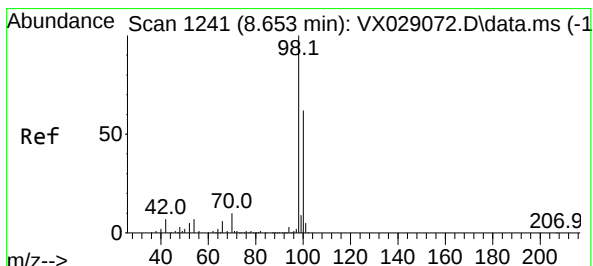
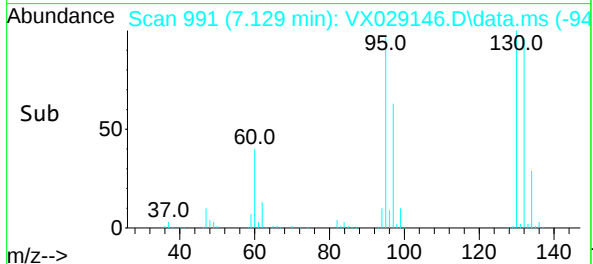
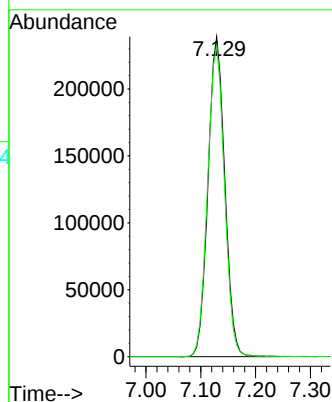
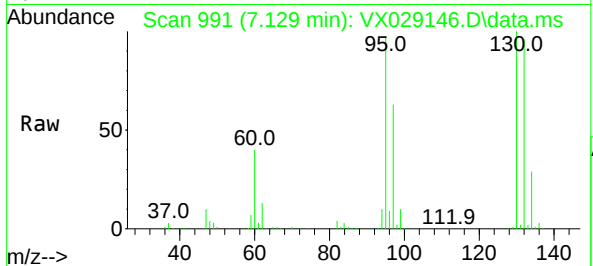




#44
Trichloroethene
Concen: 125.693 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

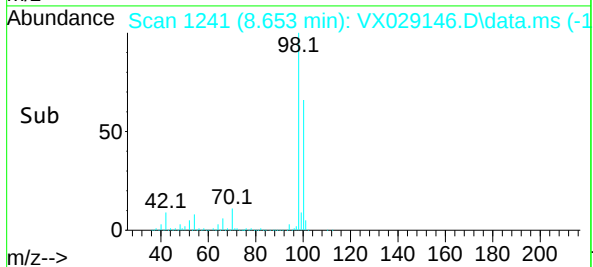
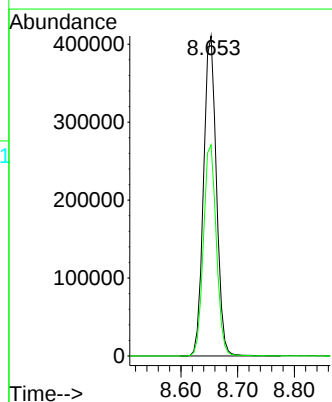
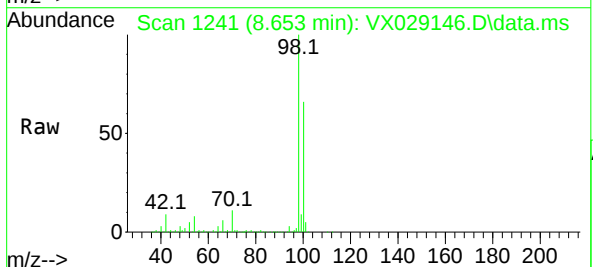
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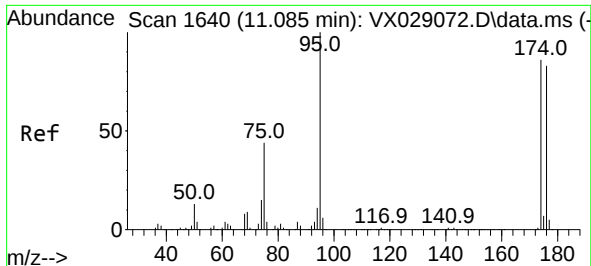
Tgt Ion:130 Resp: 506957
Ion Ratio Lower Upper
130 100
95 97.1 0.0 188.8



#50
Toluene-d8
Concen: 49.089 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

Tgt Ion: 98 Resp: 646424
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

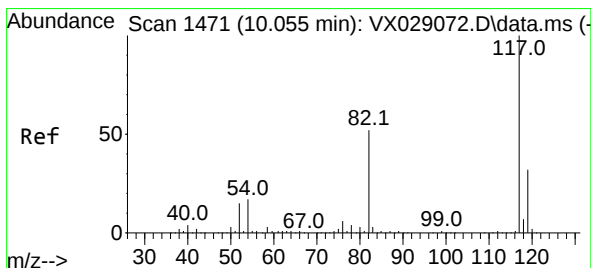
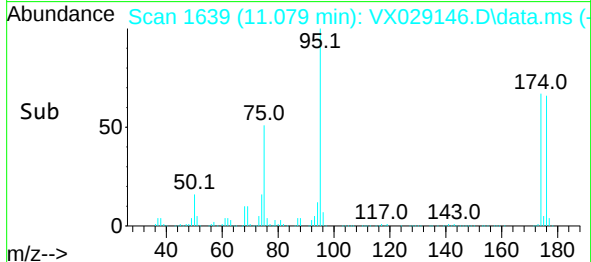
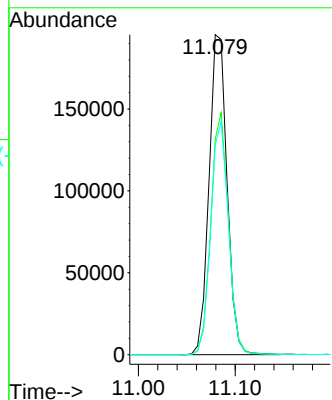
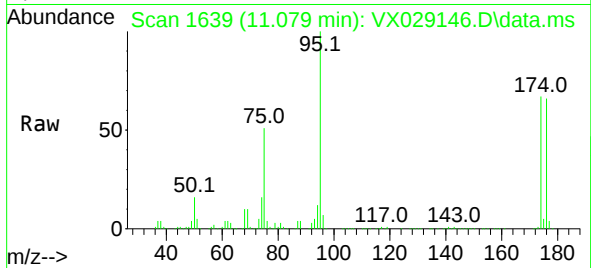




#62
4-Bromofluorobenzene
Concen: 49.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

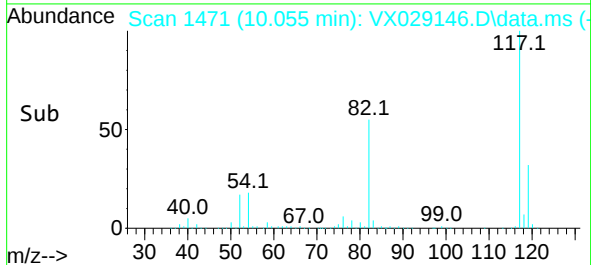
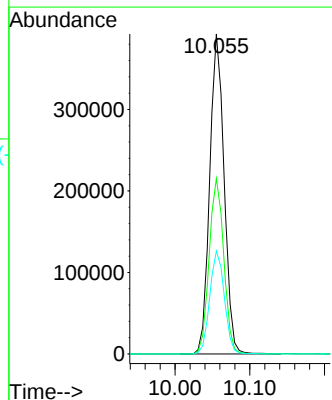
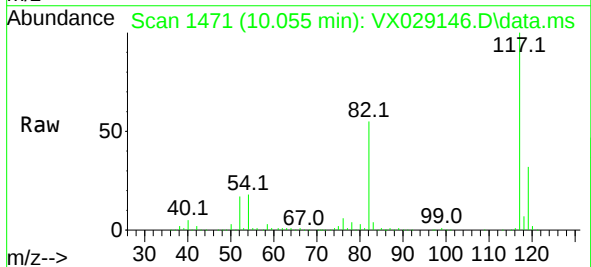
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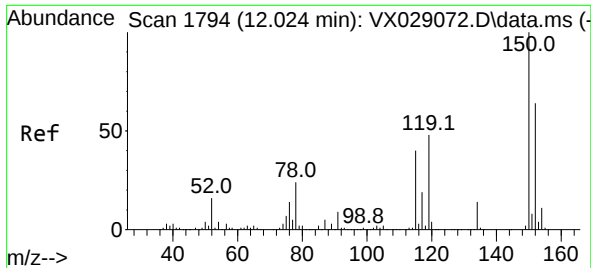
Tgt Ion: 95 Resp: 252797
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 71.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029146.D
Acq: 02 Jun 2022 19:26

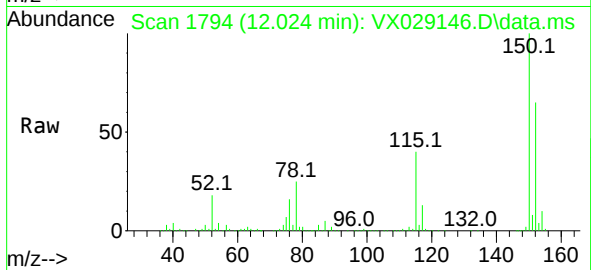
Tgt Ion: 117 Resp: 524738
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.2 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029146.D
 Acq: 02 Jun 2022 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 240742
 Ion Ratio Lower Upper
 152 100
 115 63.0 37.5 112.7
 150 157.4 0.0 338.2

